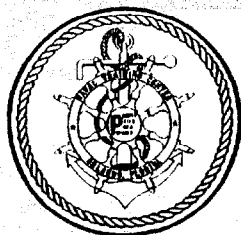


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PROPOSED PLAN FOR INTERIM REMEDIAL ACTION AT STUDY AREA 35 NTC ORLANDO
FL
11/1/1998
NAVFAC SOUTHERN



Naval Training Center Orlando, Florida

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Proposed Interim Remedial Action Study Area 35

This fact sheet was developed to inform interested citizens about the Naval Training Center (NTC), Orlando environmental program. Fact sheets will be distributed periodically to keep the community informed. Additional copies of these fact sheets can be obtained by calling the NTC, Orlando Public Affairs Office at (407) 646-4430.

Site Description

Study Area (SA) 35 is located in the central part of the NTC, Orlando Main Base, north of Langley Street between Mitscher and Leahy Avenues (Figure 1). Most of the site is a large paved parking area fringed with grassy swales and lawn (Figure 2). Two buildings, 2078 and 2079, are included in the SA. Building 2078 is a former aircraft hangar used since 1968 for vehicle maintenance. There were eight hydraulic lifts used for vehicle repair, seven inside the building and one outside of the building. The outside lift and six of the inside lifts were constructed in long narrow pits approximately 8 feet deep. Building 2079 was used to store tires, batteries, and hazardous materials.

Site Investigations

Investigations at SA 35 included

- a site walkover,
- a review of aerial photographs,
- a review of historical documents,
- a soil gas survey, and
- the collection of soil and groundwater samples.

The site investigation evaluated whether automotive repair operations resulted in releases of hazardous materials. Soil gas collectors were used to look for potential "hot spots" in soil and groundwater. Surface soil, subsurface soil, and groundwater samples were collected from areas where maintenance activities occurred, materials were stored, or storm water would run off. The construction of each of the hydraulic lift pits was evaluated to determine if the pits had native soil or cement-lined bottoms. Soil samples were collected from the four lift pits that have native soil-lined bottoms. The construction of the pit outside of Building 2078 was not evaluated, and the pit was not sampled because the pit was partially filled with water.

Findings

Sampling results showed that total recoverable petroleum hydrocarbons (TRPH) were present in surface soil at two locations outside of the buildings in amounts exceeding Florida guidelines for residential land use. TRPH can include a wide range of petroleum-based products, including fuels, heating oils, lubricating oils, and hydraulic fluid. The lack of other related compounds in the soil samples indicates

that the TRPH in soils at SA 35 is likely due to the release of hydraulic oil or other similar materials.

Soil samples from the four lift pits with native soil bottoms also had TRPH in amounts greater than the Florida guidelines. Two of the samples from soil borings advanced between the lift pits indicate that the TRPH has moved laterally away from the pits.

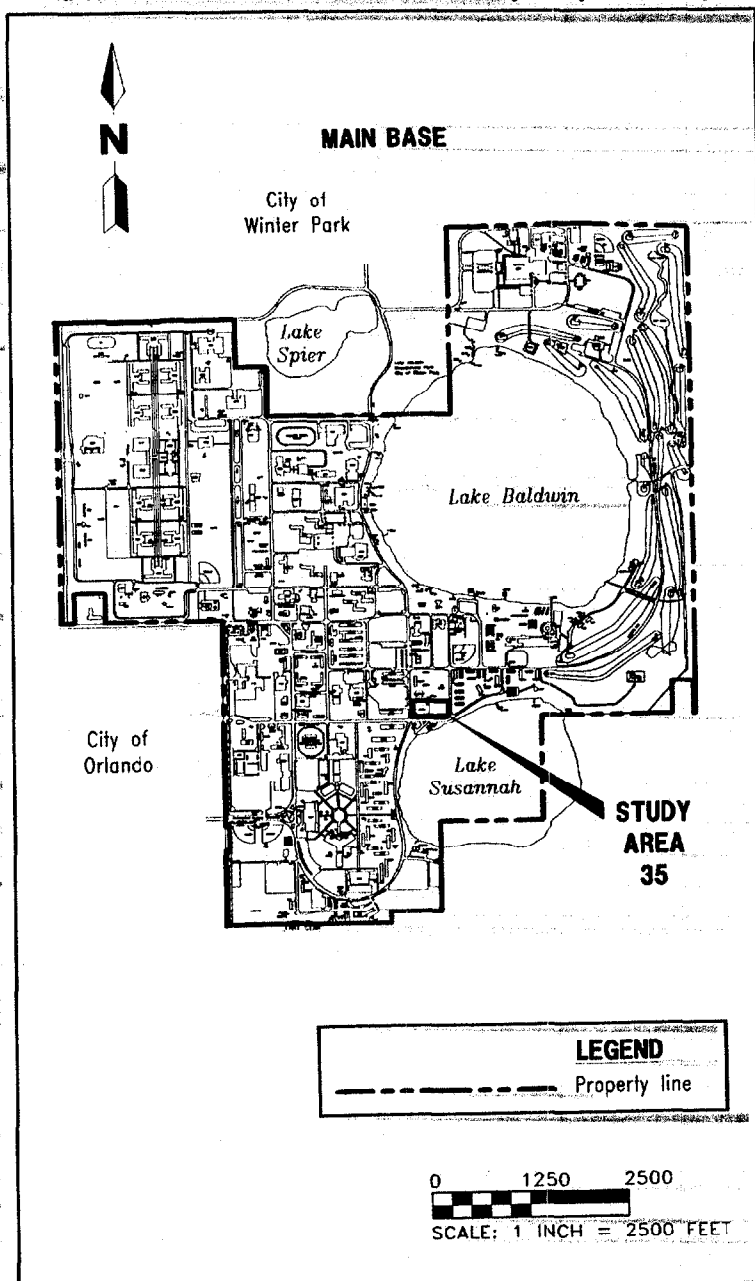


Figure 1. Study Area 35 Site Location Map

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foot area will be excavated at the northeast corner of Building 2078. Three excavations will be required to remove the soil from the lift pit areas: two of the excavations will be approximately 30 feet by 17 feet by 10 feet deep and the third will be approximately 30 feet by 50 feet by 10 feet deep. The excavations will first require removal of overlying clean soil, then excavation of the TRPH-contaminated soil.

Opportunities for Public Comment

The public is invited to submit any questions or comments on the remedial action described in this fact sheet. Written or verbal comments should be directed to the NTC, Orlando Public Works Office (see phone number listed below). A public comment period will be announced soon in the *Orlando Sentinel*.

For More Information...

If you have questions about the Navy's action at SA 35, or on the environmental program at NTC, Orlando in general, please contact Mr. Wayne Hansel at the NTC, Orlando Public Works Office, (407) 646-5294. Reports on the work at SA 35 can be reviewed at these locations:

Orlando Branch (2nd floor)

NTC, Orlando Public Works Department

Two areas outside of Building 2078 will require excavation of surface soil to a depth of two feet: an 8-foot-by-10-foot area will be excavated north of Building 2079, and a 10-foot-by-10-

